

### **INPUT SET: S7676.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

## **SEQUENCE LISTING**

3 (1) General Information:

**ENTERED**

12 (ii) TITLE OF INVENTION: Therapeutic Application of Chimeric and  
13 Radiolabeled Antibodies to Human B Lymphocyte Restricted  
14 Differentiation Antigen for the Treatment of B-Cell  
15 Lymphoma

17 (iii) NUMBER OF SEQUENCES: 11

19 (iv) CORRESPONDENCE ADDRESS:

20 (A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
21 (B) STREET: 699 Prince St.  
22 (C) CITY: Alexandria  
23 (D) STATE: VA  
24 (E) COUNTRY: USA  
25 (F) ZIP: 22314

27 (v) COMPUTER READABLE FORM:

28 (A) MEDIUM TYPE: Floppy disk  
29 (B) COMPUTER: IBM PC compatible  
30 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
31 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

33 (vi) CURRENT APPLICATION DATA:

34 (A) APPLICATION NUMBER: US 08/476,275  
35 (B) FILING DATE: 07-JUN-1995  
36 (C) CLASSIFICATION:

38 (vii) PRIOR APPLICATION DATA:

39 (A) APPLICATION NUMBER: US 08/149,099  
40 (B) FILING DATE: 03-NOV-1993

42 (vii) PRIOR APPLICATION DATA:

43 (A) APPLICATION NUMBER: US 07/978,891  
44 (B) FILING DATE: 13-NOV-1992

46 (viii) ATTORNEY/AGENT INFORMATION:

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/476,275**DATE: 12/05/95  
TIME: 11:00:11**INPUT SET: S7676.raw**

47           (A) NAME: Teskin, Robin L.  
48           (B) REGISTRATION NUMBER: 35,030  
49           (C) REFERENCE/DOCKET NUMBER: 012712-155  
50

51       (ix) TELECOMMUNICATION INFORMATION:  
52           (A) TELEPHONE: 703-836-6620  
53           (B) TELEFAX: 703-836-2021  
54

55       (2) INFORMATION FOR SEQ ID NO:1:  
56

57           (i) SEQUENCE CHARACTERISTICS:  
58              (A) LENGTH: 8541 base pairs  
59              (B) TYPE: nucleic acid  
60              (C) STRANDEDNESS: single  
61              (D) TOPOLOGY: circular  
62

63           (ii) MOLECULE TYPE: DNA (genomic)  
64

65           (iii) HYPOTHETICAL: NO  
66

67           (iv) ANTI-SENSE: NO  
68

69           (viii) POSITION IN GENOME:  
70              (A) CHROMOSOME SEGMENT: TCAE 8  
71

72       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
73

74  
75  
76       GACGTCGCGG CCGCTCTAGG CCTCCAAAAA AGCCTCCTCA CTACTTCTGG AATAGCTCAG     60  
77       AGGCCGAGGC GGCCCTGGCC TCTGCATAAA TAAAAAAAAT TAGTCAGCCA TGCATGGGGC     120  
78       GGAGAATGGG CGGAACCTGGG CGGAGTTAGG GGCGGGATGG GCGGAGTTAG GGGCGGGACT     180  
79       ATGGTTGCTG ACTAATTGAG ATGCATGCTT TGCATACTTC TGCCTGCTGG GGAGCCTGGG     240  
80       GACTTTCCAC ACCTGGTTGC TGACTAATTG AGATGCATGC TTTGCATACT TCTGCCTGCT     300  
81       GGGGAGCCTG GGGACTTCC ACACCCTAAC TGACACACAT TCCACAGAAT TAATTCCCCT     360  
82       AGTTATTAAT AGTAATCAAAT TACGGGTCA TTAGTTCAT A GCCATATAT GGAGTTCCGC     420  
83       GTTACATAAC TTACGGTAAA TGGCCCGCCT GGCTGACCGC CCAACGACCC CCGCCCATTG     480  
84       ACGTCAATAA TGACGTATGT TCCCATAGTA ACGCCAATAG GGACTTTCCA TTGACGTCAA     540  
85       TGGGTGGACT ATTTACGGTA AACTGCCAC TTGGCAGTAC ATCAAGTGT A TCATATGCCA     600  
86       AGTACGCCCT CTATTGACGT CAATGACGGT AAATGGCCCG CCTGGCATT A TGCCAGTAC     660  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/476,275DATE: 12/05/95  
TIME: 11:00:15

## INPUT SET: S7676.raw

100	ATGACCTTAT GGGACTTC TACTTGGCAG TACATCTACG TATTAGTCAT CGCTATTACC	720
101		
102	ATGGTGATGC GGTTTTGGCA GTACATCAAT GGGCGTGGAT AGCGGTTGA CTCACGGGA	780
103		
104	TTTCCAAGTC TCCACCCCCAT TGACGTCAAT GGGAGTTGT TTTGGCACCA AAATCAACGG	840
105		
106	GACTTTCCAA AATGTCGTA CAACTCCGCC CCATTGACGC AAATGGCGG TAGGCCTGTA	900
107		
108	CGGTGGGAGG TCTATATAAG CAGAGCTGGG TACGTGAACC GTCAGATCGC CTGGAGACGC	960
109		
110	CATCACAGAT CTCTCACCAT GAGGGTCCCC GCTCAGCTCC TGGGGCTCCT GCTGCTCTGG	1020
111		
112	CTCCCAGGTG CACGATGTGA TGGTACCAAG GTGGAAATCA AACGTACGGT GGCTGCACCA	1080
113		
114	TCTGTCTTCA TCTTCCCGCC ATCTGATGAG CAGTTGAAAT CTGGAACCTGC CTCTGTTGTG	1140
115		
116	TGCCTGCTGA ATAACATTCTA TCCCAGAGAG GCCAAAGTAC AGTGGAAAGGT GGATAACGCC	1200
117		
118	CTCCAATCGG GTAACCTCCA GGAGAGTGT ACAGAGCAGG ACAGCAAGGA CAGCACCTAC	1260
119		
120	AGCCTCAGCA GCACCCCTGAC GCTGAGCAAA GCAGACTACG AGAAAACACAA AGTCTACGCC	1320
121		
122	TGCGAAGTCA CCCATCAGGG CCTGAGCTCG CCCGTACCAA AGAGCTTCAA CAGGGGAGAG	1380
123		
124	TGTTGAATTTC AGATCCGTTA ACGGTTACCA ACTACCTAGA CTGGATTCTG GACAACATGC	1440
125		
126	GGCCGTGATA TCTACGTATG ATCAGCCTCG ACTGTGCCCTT CTAGTTGCCA GCCATCTGTT	1500
127		
128	GTGGCCCTT CCCCCGTGCC TTCCCTGACC CTGGAAAGGTG CCACCTCCAC TGTCCTTTCC	1560
129		
130	TAATAAAATG AGGAAATTGC ATCGCATTGT CTGAGTAGGT GTCATTCTAT TCTGGGGGGT	1620
131		
132	GGGGTGGGGC AGGACAGCAA GGGGGAGGAT TGGGAAGACA ATAGCAGGCA TGCTGGGGAT	1680
133		
134	GCGGTGGGCT CTATGGAACC AGCTGGGCT CGACAGCTAT GCCAAGTACG CCCCCCTATTG	1740
135		
136	ACGTCAATGA CGGTAAATGG CCCGCCTGGC ATTATGCCCA GTACATGACC TTATGGACT	1800
137		
138	TTCCTACTTG GCAGTACATC TACGTATTAG TCATCGCTAT TACCATGGTG ATGCGGTTTT	1860
139		
140	GGCAGTACAT CAATGGGCGT GGATAGCGGT TTGACTCACG GGGATTTCGA AGTCTCCACC	1920
141		
142	CCATTGACGT CAATGGGAGT TTGTTTGCG ACCAAAATCA ACGGGACTTT CCAAAATGTC	1980
143		
144	GTAACAACTC CGCCCCATTG ACGCAAATGG GCGGTAGGCG TGTACGGTGG GAGGTCTATA	2040
145		
146	TAAGCAGAGC TGGGTACGTC CTCACATTCA GTGATCAGCA CTGAACACAG ACCCGTCGAC	2100
147		
148	ATGGGTTGGA GCCTCATCTT CGTCTTCCCTT GTCGCTGTTG CTACGCGTGT CGCTAGCACC	2160
149		
150	AAGGGCCCAT CGGTCTTCCC CCTGGCACCC TCCTCCAAGA GCACCTCTGG GGGCACAGCG	2220
151		
152	GCCCTGGGCT GCCTGGTCAA GGACTACTTC CCCGAACCGG TGACGGTGTG TGGAACCTCA	2280

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/476,275DATE: 12/05/95  
TIME: 11:00:19

## INPUT SET: S7676.raw

153	GGCGCCCTGA CCAGCGGCGT GCACACCTTC CCGGCTGTCC TACAGTCCTC AGGACTCTAC	2340
154	TCCCTCAGCA GCGTGGTGAC CGTGCCTCC AGCAGCTTGG GCACCCAGAC CTACATCTGC	2400
155	AACGTGAATC ACAAGCCCAG CAACACCAAG GTGGACAAGA AAGCAGAGCC CAAATTTGT	2460
156	GACAAAATC ACACATGCC ACCGTGCCA GCACCTGAAC TCCTGGGGGG ACCGTCAGTC	2520
157	TTCCCTTTCC CCCCAAAACC CAAGGACACC CTCATGATCT CCCGGACCCC TGAGGTACACA	2580
158	TGCGTGGTGG TGGACGTGAG CCACGAAGAC CCTGAGGTCA AGTTCAACTG GTACGTGGAC	2640
159	GGCGTGGAGG TGCATAATGC CAAGACAAAG CCGCGGGAGG AGCAGTACAA CAGCACGTAC	2700
160	CGTGTGGTCA GCGTCCTCAC CGTCCTGCAC CAGGACTGGC TGAATGGCAA GGACTACAAG	2760
161	TGCAAGGTCT CCAACAAAGC CCTCCCAGCC CCCATCGAGA AAACCATCTC CAAAGCCAAA	2820
162	GGGCAGCCCC GAGAACACACA GGTGTACACC CTGCCCCAT CCCGGGATGA GCTGACCAGG	2880
163	AACCAGGTCA GCCTGACCTG CCTGGTCAAA GGCTTCTATC CCAGCGACAT CGCCGTGGAG	2940
164	TGGGAGAGCA ATGGGCAGCC GGAGAACAAAC TACAAGACCA CGCCTCCCGT GCTGGACTCC	3000
165	GACGGCTCCT TCTTCCTCTA CAGCAAGCTC ACCGTGGACA AGAGCAGGTG GCAGCAGGG	3060
166	AACGTCTTCT CATGCTCCGT GATGCATGAG GCTCTGCACA ACCACTACAC GCAGAACAGC	3120
167	CTCTCCCTGT CTCCGGTAA ATGAGGATCC GTTAACGGTT ACCAACTACC TAGACTGGAT	3180
168	TCGTGACAAC ATGCGGCCGT GATATCTACG TATGATCAGC CTCGACTGTG CCTTCTAGTT	3240
169	GCCAGCCATC TGTGTTTGC CCCTCCCCG TGCCTTCCTT GACCTGGAA GGTGCCACTC	3300
170	CCACTGTCCT TTCTAATAA AATGAGGAAA TTGCATCGCA TTGTCTGAGT AGGTGTCATT	3360
171	CTATTCTGGG GGGTGGGGTG GGGCAGGACA GCAAGGGGA GGATTGGAA GACAATAGCA	3420
172	GGCATGCTGG GGATGCGGTG GGCTCTATGG AACCAAGCTGG GGCTCGACAG CGCTGGATCT	3480
173	CCCGATCCCC AGCTTGCTT CTCAATTCT TATTTGCATA ATGAGAAAAA AAGGAAAATT	3540
174	AATTTAACCA CCAATTCAAGT AGTTGATTGA GCAAATGCGT TGCCAAAAG GATGCTTTAG	3600
175	AGACAGTGTT CTCTGCACAG ATAAGGACAA ACATTATTCA GAGGGAGTAC CCAGAGCTGA	3660
176	GACTCCTAAG CCAGTGAGTG GCACAGCATT CTAGGGAGAA ATATGCTTGT CATCACCGAA	3720
177	GCCTGATTCC GTAGAGCCAC ACCTTGGTAA GGGCCAATCT GCTCACACAG GATAGAGAGG	3780
178	CAGGAGCCAG GGCAGAGCAT ATAAGGTGAG GTAGGATCAG GTTGCTCCTC ACATTGCTT	3840
179		
180		
181		
182		
183		
184		
185		
186		
187		
188		
189		
190		
191		
192		
193		
194		
195		
196		
197		
198		
199		
200		
201		
202		
203		
204		
205		

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/476,275DATE: 12/05/95  
TIME: 11:00:23

## INPUT SET: S7676.raw

206	CTGACATAGT TGTGTTGGGA CGTTGGATAG CTTGGACAGC TCAGGGCTGC GATTCGCGC	3900
207		
208	CAAACTTGAC GGCAATCCTA GCGTGAAGGC TGGTAGGATT TTATCCCCGC TGCCATCATG	3960
209		
210	GTTCGACCCT TGAACTGCAT CGTCGCCGTG TCCCAAAATA TGGGGATTGG CAAGAACGGA	4020
211		
212	GACCTACCCCT GCCCTCCGCT CAGGAACGAG TTCAAGTACT TCCAAAGAAT GACCACAACC	4080
213		
214	TCTTCAGTGG AAGGTAAACA GAATCTGGTG ATTATGGTA GGAAAACCTG GTTCTCCATT	4140
215		
216	CCTGAGAAGA ATCGACCTTT AAAGGACAGA ATTAATATAG TTCTCAGTAG AGAACTCAAA	4200
217		
218	GAACCACAC GAGGAGCTCA TTTTCTTGCC AAAAGTTGG ATGATGCCTT AAGACTTATT	4260
219		
220	GAACAACCGG AATTGGCAAG TAAAGTAGAC ATGGTTGGA TAGTCGGAGG CAGTTCTGTT	4320
221		
222	TACCAAGGAAG CCATGAATCA ACCAGGCCAC CTTAGACTCT TTGTGACAAG GATCATGCAG	4380
223		
224	GAATTGAAA GTGACACGTT TTTCCCAGAA ATTGATTGG GGAAATATAA ACTTCTCCCA	4440
225		
226	GAATACCCAG GCGTCCTCTC TGAGGTCCAG GAGGAAAAAG GCATCAAGTA TAAGTTGAA	4500
227		
228	GTCTACGAGA AGAAAGACTA ACAGGAAGAT GCTTTGAAGT TCTCTGCTCC CCTCCTAAAG	4560
229		
230	TCATGCATTT TTATAAGACC ATGGGACTTT TGCTGGCTTT AGATCAGCCT CGACTGTGCC	4620
231		
232	TTCTAGTTGC CAGCCATCTG TTGTTGCC CTCCCCCGTG CCTTCCTTGA CCCTGGAAGG	4680
233		
234	TGCCACTCCC ACTGTCCTTT CCTAATAAAA TGAGGAAATT GCATCGCATT GTCTGAGTAG	4740
235		
236	GTGTCATTCT ATTCTGGGG GTGGGGTGGG GCAGGACAGC AAGGGGGAGG ATTGGGAAGA	4800
237		
238	CAATAGCAGG CATGCTGGGG ATGCCGTGGG CTCTATGGAA CCAGCTGGGG CTCGAGCTAC	4860
239		
240	TAGCTTGCT TCTCAATTTC TTATTTGCAT AATGAGAAAA AAAGGAAAAT TAATTTAAC	4920
241		
242	ACCAATTCAAG TAGTTGATTG AGCAAATGCG TTGCCAAAAA GGATGCTTTA GAGACAGTGT	4980
243		
244	TCTCTGCACA GATAAGGACA AACATTATTC AGAGGGAGTA CCCAGAGCTG AGACTCCTAA	5040
245		
246	GCCAGTGAGT GGCACAGCAT TCTAGGGAGA AATATGCTTG TCATCACCGA AGCCTGATT	5100
247		
248	CGTAGAGCCA CACCTTGGTA AGGGCCAATC TGCTCACACA GGATAGAGAG GGCAGGAGCC	5160
249		
250	AGGGCAGAGC ATATAAGGTG AGGTAGGATC AGTTGCTCCT CACATTTGCT TCTGACATAG	5220
251		
252	TTGTGTTGGG AGCTTGGATC GATCCTCTAT GGTTGAACAA GATGGATTGC ACGCAGGTT	5280
253		
254	TCCGGCCGCT TGGGTGGAGA GGCTATTGG CTATGACTGG GCACAAACAGA CAATCGGCTG	5340
255		
256	CTCTGATGCC GCCGTGTTCC GGCTGTCAGC GCAGGGCGC CCGGTTCTTT TTGTCAAGAC	5400
257		
258	CGACCTGTCC GGTGCCCTGA ATGAACTGCA GGACGAGGCA GCGCGGCTAT CGTGGCTGGC	5460

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION **US/08/476,275**

DATE: 12/05/95  
TIME: 11:00:27

***INPUT SET: S7676.raw***

Line

Error

Original Text